

PTO/SB/08A (08-03)

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INFORMATION DISCLOSURE STATEMENT BY APPLICANT

(Use as many sheets as necessary)

Sheet 1

of 2

Complete if Known

Application Number 10/623,132
Filing Date 07/18/2003
First Named Inventor Rikuro OBARA
Art Unit 3682
Examiner Name
Attorney Docket Number 2523-062A

| Examiner Initials* | Cite No. | U. S. PATENT DOCUMENTS | | | |
|--------------------|----------|---|--------------------------------|--|---|
| | | Document Number Number-Kind Code ² (if known) | Publication Date MM-DD-YYYY | Name of Patentee or Applicant of Cited Document | Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear |
| mb | 1 | US- 5,698,919 | 12-1997 | Obara, Rikuro | |
| | 2 | US- 5,547,291 | 08-1998 | Miyazaki et al. | |
| | 3 | US- 6,078,468 | 06-2000 | Obara, Rikuro | |
| | 4 | US- 5,841,210 | 11-1998 | Obara, Rikuro | |
| | 5 | US- 5,898,242 | 04-1999 | Albrecht et al. | |
| | 6 | US- 5,560,717 | 10-1996 | Obara et al. | |
| | 7 | US- 5,855,846 | 08-1997 | Obara, Rikuro | |
| | 8 | US- 5,800,069 | 09-1998 | Obara, Rikuro | |
| | 9 | US- 5,808,388 | 09-1998 | Obara, Rikuro | |
| | 10 | US- 5,820,273 | 10-1998 | Obara, Rikuro | |
| | 11 | US- 5,933,292 | 08-1999 | Obara, Rikuro | |
| | 12 | US- 5,952,753 | 09-1999 | Obara, Rikuro | |
| | 13 | US- 5,967,671 | 10-1999 | Obara, Rikuro | |
| | 14 | US- 5,828,150 | 10-1998 | Obara, Rikuro | |
| | 15 | US- 5,556,209 | 09-1996 | Obara et al. | |
| | 16 | US- 6,229,237 | 05-2001 | Obara et al. | |
| mb | 17 | US- 6,181,513 | 01-2001 | Obara, Rikuro | |
| | | US- | | | |
| | | US- | | | |

| Examiner Initials* | Cite No. | FOREIGN PATENT DOCUMENTS | | | |
|--------------------|----------|--|--------------------------------|--|---|
| | | Foreign Patent Document Country Code ³ Number ⁴ Kind Code ⁵ (if known) | Publication Date MM-DD-YYYY | Name of Patentee or Applicant of Cited Document | Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear |
| mb | 18 | EP-0938088-A2 | 08-1999 | | |
| mb | 19 | EP-0762811-A2 | 03-1997 | | |
| mb | 20 | EP-0786604-A2 | 07-1997 | | |
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| Examiner Signature | Melody M. Burch | Date Considered | 8/31/04 |
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| | First Named Inventor | Rikuro OBARA |
| | Art Unit | 3682 |
| | Examiner Name | |
| Sheet 2 of 2 | Attorney Docket Number | 2523-062A |

NON PATENT LITERATURE DOCUMENTS

| Examiner Initials* | Cite No. ¹ | Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published. | T ² |
|-----------------------|--------------------------|---|----------------|
| MB | 21 | US2001/0055433 A1 to Obara | |
| MB | 22 | US2002/0009378 A1 to Obara | |
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| Examiner Signature | Melody M. Bruch | Date Considered | 8/31/04 |
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